GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2628
ANSWERED ON:01.12.2016
Wind and Solar Power
Mahendran Shri C.

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the wind and solar power in the coming years will form a sizable part of generation feeding the grid in the country;
(b) if so, the details thereof;
(c) whether the renewable energy sources in the country are concentrated in few States;
(d) if so, the details thereof, State-wise;
(e) whether other States are not interested in renewable energy sources; and
(f) if so, the details thereof and the reasons therefor along with the steps being taken by the Union Government in this regard?

Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW AND RENEWABLE ENERGY & MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)
(a) & (b): The target of grid connected solar and wind power has been up-scaled to 1,00,000 MW and 60,000 MW respectively by 2022.

(c) & (d): The potential of renewable energy sources is available all over the country and tapping of resource specific renewable energy depends on the region and local conditions that vary widely. State-wise and source-wise details of the estimated potential available in the country is given in Annexure-I.

(e) & (f): The states are taking interest for the promotion of power from various Renewable Energy sources. The Ministry of New and Renewable Energy is implementing its programmes / schemes in all the states of the country. The State-wise details of Grid Interactive Renewable Power installed capacity, as on 31-10-2016, is given in Annexure-II.
Further, steps taken by Government for promoting renewable energy sources in the country includes:
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? Up-scaling of the target of renewable energy capacity to 175 GW by the year 2022 which includes 100 GW from solar, 60 GW from wind, 10 GW from bio-power and 5 GW from small hydro-power
? amendments in the Tariff Policy for strong enforcement of Renewable Purchase Obligation (RPO) and for providing Renewable Generation Obligation (RGO);
? setting up of exclusive solar parks;
? development of power transmission network through Green Energy Corridor project;
? identification of large government complexes/ buildings for rooftop projects;
? provision of roof top solar and 10 percent renewable energy as mandatory under Mission Statement and Guidelines for development of smart cities;
? amendments in building bye-laws for mandatory provision of roof top solar for new construction or higher Floor Area Ratio (FAR);
? infrastructure status for solar projects;
? raising tax free solar bonds;
? making roof top solar a part of housing loan by banks/NHB;
? incorporating measures in Integrated Power Development Scheme (IPDS) for encouraging distribution companies and making net-metering compulsory
? raising funds from bilateral and international donors as also from the Green Climate Fund to achieve the target. and
creation of Surya Mitras for installation and maintenance of the Solar Projects.
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